WP3: Business Processes

COMPOSELECTOR kick-off meeting

LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY

11-12 January 2017
Objectives

To design and implement the BDSS business layer, based on standard notations for business processes and decision models.

To integrate the BDSS business layer with the interoperability layer (MuPIF) and databases.

To initially evaluate the BDSS abilities to enable business decisions.
Business Processes

- Human interaction
- Decision making
- Databases

MuPIF

ISO/IEC 19510:2013

BPMN

Polymer Composites

Business Decision Support System
Interdependencies with other WPs
Partners involved
Timing and Deliverables

- T3.1: actors and requirements
- T3.2: interactions with other BDSS layers
- T3.3: business requirements
- T3.4: business layer architecture definition
- T3.5: business layer implementation
- T3.6: validation
Task T3.1

**OBJECTIVE**

Identify the main actors and their interactions providing a clear description of the external entities the business layer must interact with.

**RESULT**

D3.1 formal specification of actors and users stories

Prepare formal UML specification

Provide use-case scenarios
Task T3.2

**OBJECTIVE**

Define the functional requirements for the storage and execution functionalities that are requested for the interaction with the interoperability layer and the databases.

**RESULT**

D3.2 API interaction specification

- Definition of a common API
Task T3.3

OBJECTIVE
Identification of requirements for enabling business decisions based on end user applications

RESULT
D3.3 business workflows for end user applications

the partners will define a set of business workflows by using BPMN 2.0 and DMN standards

Unambiguous format for modeling processes, cases and decisions that can be interchanged between different vendors’ products
Task T3.4

**OBJECTIVE**

Define the business layer architecture, with a clear definition of modules and their interactions

**RESULT**

D3.4 the BDSS business layer architecture
Task T3.5

OBJECTIVE
Implement and document the BDSS business layer

RESULT
D3.5 the BDSS business layer implementation

Based on Agile software development techniques
Task T3.6

**OBJECTIVE**

Perform an initial evaluation of the Business Decision Layer to enable business decisions

**RESULT**

D3.6 initial validation and demo examples

Prepare examples and documentation

Provide simplified scenarios (real KPIs) and validate decision quality
### Problems - Comments

**Effort definition!**

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Total: 41
Immediate actions for T3.1

• Definition of interaction model between partners
  – Define a web conference strategy (Skype?)
  – Select a project management tool (Trello?)
Immediate actions for T3.1

• ESTECO will prepare “user stories” and “actors” templates